

Appendix D Acronyms and Abbreviations

AADT	Average Annual Daily Traffic
AB	Assembly Bill
AC	asphalt concrete
ACHP	Advisory Council on Historic Preservation
ACS	American Community Survey
ADA	Americans with Disabilities Act
AGR	Agriculture Supply
AMA	Archaeological Monitoring Area
AMR	American Medical Response
ANSI	American National Standards Institute
APE	Area of Potential Effects
ARB	California Air Resources Board
ARPA	Archaeological Resources Protection Act
ARTO	arroyo toad
ASR	Archaeological Survey Report
Basin	South Coast Air Basin
BAU	business-as-usual
BACM	best available control measures
BC	Back Country
BMPs	Best Management Practices
BSA	biological study area
CAA	Clean Air Act
CAFE	Corporate Average Fuel Economy
CAGN	California gnatcatcher
Cal/EPA	California Environmental Protection Agency
California Register	California Register of Historical Resources (see also CRHR)
Cal-IPC	California Invasive Plant Council
Caltrans, or the Department	California Department of Transportation
Caspers Wilderness Park	Ronald W. Caspers Wilderness Park

Appendix D Acronyms and Abbreviations

CCAA	California Clean Air Act
CDFW	California Department of Fish and Wildlife
CE	Categorical Exclusion
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CFWO	Carlsbad Fish and Wildlife Office
CH ₄	methane
CHL	California Historical Landmarks
CMP	corrugated metal pipe
CNDDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CO-CAT	Coastal and Ocean Working Group of the California Climate Action Team
COLD	Cold Freshwater Habitat
County	County of Orange
COZEEP	Construction Zone Enhanced Enforcement Program
CRHR	California Register of Historical Resources (see also California Register)
CRPR	California Rare Plant Rank
CSS	coastal sage scrub
CTP	California Transportation Plan
CU	Compliance Unit
CWA	Clean Water Act
DAI	Developed Areas Interface
DAPTF	Declining Amphibian Population Task Force
dBA	A-weighted decibels
DBH	diameter at breast height
Desk Guide	(Caltrans) <i>Desk Guide, Environmental Justice in</i>

Transportation Planning and Investments

DP	(Caltrans) Director's Policy
DPM	diesel particulate matter
DPS	distinct population segments
DSA	Disturbed Soil Area
EB	eastbound
ECR	Environmental Commitment Record
EIC	Eastern Information Center
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EO	Executive Order
EPA	United States Environmental Protection Agency (see also U.S. EPA)
ESA	Environmentally Sensitive Area
FCAA	Federal Clean Air Act
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FONSI	Finding of No Significant Impact
Forest Plan	Cleveland National Forest Plan
FSTIP	Federal Statewide Transportation Improvement Program
ft	foot/feet
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
GHG	greenhouse gas
GIS	geographic information system
GSRDs	Gross Solids Removal Devices
Guidelines	Section 404(b)(1) Guidelines
GWP	Global Warming Potential
H ₂ S	hydrogen sulfide
HA	Hydrologic Area
H&SC	Health and Safety Code

HCP	Habitat Conservation Plan
HFST	high friction surface treatment
HPSR	Historic Property Survey Report
HU	Hydrologic Unit
I-15	Interstate 15
I-5	Interstate 5
IND	Industrial Service Supply
IPCC	Intergovernmental Panel on Climate Change
IRIS	Integrated Risk Information System
ISA	International Society of Arboriculture
IS/EA	Initial Study/Environmental Assessment
JSA	Jurisdictional Study Area
L&WCF Act	Land and Water Conservation Fund Act of 1965
LACM	Natural History Museum of Los Angeles County
lbs/day	pounds per day
LBVI	least Bell's vireo
LCFS	low carbon fuel standard
LEDPA	least environmentally damaging practicable alternative
$L_{eq}(h)$	one-hour A-weighted equivalent continuous noise level
LID	Low Impact Development
L_{max}	maximum instantaneous sound level
LMP	Land Management Plan
LOP	Letter of Permission
LOSSAN	Los Angeles – San Diego – San Luis Obispo Rail Corridor
LRTP	Long Range Transportation Plan
MBA	Methylene Blue Active Substances
MBGR	Metal Beam Guard Railing
mg/L	milligrams per liter
MGS	Midwest Guardrail System
MLD	Most Likely Descendant
MMT	million metric tons
MMT of CO ₂ e	million metric tons of carbon dioxide equivalent

MND	Mitigated Negative Declaration
MOU	Memorandum of Understanding
MOVES	Motor Vehicle Emission Simulator
MPO	Metropolitan Planning Organization
MS4	municipal separate storm sewer systems
MSAA	Master Streambed Alteration Agreement
MSAT	Mobile Source Air Toxics
MTC	Metropolitan Transportation Commission
MTIP	Metropolitan Transportation Improvement Program
MUN	Municipal and Domestic Supply
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAC	noise abatement criteria
NAHC	Native American Heritage Commission
NATA	National Air Toxics Assessment
National Register	National Register of Historic Places (see also NRHP)
NB	northbound
NCCP	Natural Community Conservation Plan
NEPA	National Environmental Policy Act
NEPA Assignment MOU	Memorandum of Understanding pursuant to 23 USC 327
NES	Natural Environment Study
NHPA	National Historic Preservation Act (of 1966)
NHTSA	National Highway Traffic Safety Administration
NMFS	National Marine Fisheries Service
NO ₂	nitrogen dioxide
NOAA Fisheries Service	National Oceanic and Atmospheric Administration's National Marine Fisheries Service
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places (see also National Register)
NTU	Nephelometric Turbidity Unit

Appendix D Acronyms and Abbreviations

NWP	Nationwide Permit
O ₃	ozone
OC Parks	Orange County Parks
OCPW	Orange County Public Works
OCTA	Orange County Transportation Authority
OGAC	open graded asphalt concrete
OHWM	ordinary high water mark
OPR	Office of Planning and Research
OSTP	Office of Science and Technology Policy
PA	(Advisory Council on Historic Preservation) Section 106 Programmatic Agreement
PAC	Public Awareness Campaign
Pb	lead
PDT	Project Development Team
PEIR	Program Environmental Impact Report
PF	Project Feature
Pilot Program	Surface Transportation Project Delivery Pilot Program
PIR-PER	Paleontological Identification Report and Paleontological Evaluation Report
PLACs	permits, licenses, agreements, and/or certifications
PM	Post Mile
PM _{2.5}	particulate matter less than 2.5 microns in size
PM ₁₀	particulate matter less than 10 microns in size
PMP	Paleontological Mitigation Plan
POAQC	Project of Localized Air Quality Concern
POM	polycyclic organic matter
Porter-Cologne Act	(State of California) Porter-Cologne Water Quality Control Act
ppm	parts per million
PQS	(Caltrans) Professionally Qualified Staff
PQT	Project Quality Team
PRC	California Public Resources Code
PS&E	Plans, Specifications, and Estimates

RCA	Riparian Conservation Area
RCB	reinforced concrete box
REC-1	Water Contact Recreation
REC-2	Non-Contact Water Recreation
RoadMod	Roadway Construction Emission Model
ROG	reactive organic gases
RSA	Resource Study Area
RTP	Regional Transportation Plan
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SAMP	Special Area Management Plan
SB	Senate Bill
SB	southbound
SCAG	Southern California Association of Government
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SDG&E	San Diego Gas and Electric
SDNHM	San Diego Natural History Museum
SER	(Caltrans) Standard Environmental Reference
SF ₆	sulfur hexafluoride
SHOPP	State Highway Operation and Protection Program
SHPO	(California) State Historic Preservation Officer
SIP	State Implementation Plan
SLR	Sea-Level Rise
SLR Guidance	(State of California) <i>Sea-Level Rise Interim Guidance Document</i>
SO ₂	sulfur dioxide
SR-55	State Route 55
SR-74	State Route 74, also known as Ortega Highway
SR-76	State Route 76

SR-79	State Route 79
SR-91	State Route 91
SSD	stopping sight distance
SVP	Society of Vertebrate Paleontology
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
SWWF	southwestern willow flycatcher
TASAS	(Caltrans) Traffic Accident Surveillance and Analysis System
TCEs	temporary construction easements
TDM	Transportation Demand Management
TMDLs	Total Maximum Daily Loads
TMP	Transportation Management Plan
TNW	traditionally navigable water
Traffic Noise Analysis Protocol	(Caltrans) <i>Traffic Noise Analysis Protocol for New Highway Construction and Reconstruction Projects</i>
TSM	Transportation System Management
Uniform Act	Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970
U.S.	United States
USACE	United States Army Corps of Engineers
USC	United States Code
U.S. Census Bureau	United States Census Bureau
USDOT	United States Department of Transportation
U.S. EPA	United States Environmental Protection Agency (see also EPA)
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
VHFHSZ	Very High Fire Hazard Severity Zone
VIA	Visual Impact Analysis
VOCs	volatile organic compounds

VMT	vehicle miles traveled
WARM	Warm Freshwater Habitat
waters of the U.S.	waters of the United States
WB	westbound
WDRs	Waste Discharge Requirements
WEAP	Worker Environmental Awareness Program
WILD	Wildlife Habitat
WPCP	Water Pollution Control Program

This page intentionally left blank